



American Honda Motor Co., Inc.
1919 Torrance Boulevard
Torrance, CA 90501-2746
Phone (310) 783-2000

July 12, 2018

AHCERT-180426

Director
Certification Division (EPA-335)
Mobile Source Air Pollution Control
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105

Attention: Mr. John LaCroix
Motorcycle Certification

RE: Common Section Submittal Revisions

Dear Sir,

Enclosed are revised common sections to our applications for certification for the following 2019 model year Motorcycle Certification programs.


Off-Hwy Recreational Vehicle Common Sections

Please contact me at (310) 783-3615 if you have any questions.

| <u>Page Number</u> | <u>Revision Date</u> | <u>Description</u> |
|-----------------------|----------------------|---|
| Section 5, Page 15-16 | 7/12/2018 | Added CA Evap Emissions Warranty Parts List |
| Section 1, Page 1-3 | 7/12/2018 | Representatives, liaisons, MAC, Certificate & EO recipient |

Regards,

American Honda Motor Co., Inc.



Matthew K. Johnson
Senior Certification Engineer
Certification and Compliance Department

MKJ

Attachment(s)



American Honda Motor Co., Inc.
1919 Torrance Boulevard
Torrance, CA 90501-2746
Phone (310) 783-2000

July 12, 2018

AHCERT-180426

Chief
New Vehicle/Engine Programs Branch
California Air Resources Board
9480 Telstar Avenue, Suite 4
El Monte, CA 91734-2301

Attention: Mr. Steven Hada
Motorcycle Certification

RE: Common Section Submittal revisions

Dear Sir,

Enclosed are revised common sections to our applications for certification for the following 2018 model year Motorcycle Certification programs.

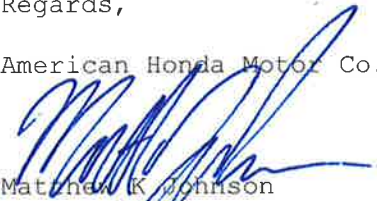
Off-Hwy Recreational Vehicle Common Sections

Please contact me at (310) 783-3615 if you have any questions.

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Regards,

American Honda Motor Co., Inc.



Matthew K. Johnson
Senior Certification Engineer
Certification and Compliance Department

MKJ

Attachment(s)

HONDA

American Honda Motor Co., Inc.

1919 Torrance Boulevard
Torrance, CA 90501-2746
Phone (310) 783-2000

November 21, 2017

AHCERT-170681

Director
Certification Division (EPA-335)
Mobile Source Air Pollution Control
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105

Attention: Mr. John LaCroix
Motorcycle Certification

RE: Common Section Submittals

Dear Sir,

Attached are the common sections to our applications for certification for the following 2019 model year Motorcycle Certification programs.

Off-Hwy Recreational Vehicle Application Common Sections

Please contact me at (310) 783-3615 if you have any questions.

Regards,

American Honda Motor Co., Inc.

A handwritten signature in black ink, appearing to read 'Matthew K. Johnson', with a long horizontal flourish extending to the right.

Matthew K Johnson
Certification Engineer
Certification and Compliance Department

MKJ

Attachment(s)



American Honda Motor Co., Inc.
1919 Torrance Boulevard
Torrance, CA 90501-2746
Phone (310) 783-2000

November 21, 2017

AHCERT-170681

Chief
New Vehicle/Engine Programs Branch
California Air Resources Board
9480 Telstar Avenue, Suite 4
El Monte, CA 91734-2301

Attention: Mr. Alan Nguyen
Motorcycle Certification

RE: Common Section Submittals

Dear Sir,

Enclosed are the common sections to our applications for certification for the following 2019 model year Motorcycle Certification programs.

Off-Hwy Recreational Vehicle Common Sections

Please contact me at (310) 783-3615 if you have any questions.

Regards,

American Honda Motor Co., Inc.

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Matthew K. Johnson
Certification Engineer
Certification and Compliance Department

MKJ

Attachment(s)

Table of Contents

Contents

Applicable pages

| | |
|--|---------------------------------|
| <i>Communications Information</i> | <i>Section: 1, Page: 1 – 3</i> |
| <i>Mailing Information</i> | |
| <i>US EPA/ARB Liaison Representatives</i> | |
| <i>Foreign EPA/ARB Liaison Representatives</i> | |
| <i>Statement Of Compliance</i> | <i>Section: 2, Page: 1 – 5</i> |
| <i>General Statements</i> | |
| <i>Emission Control Labels</i> | |
| <i>Certification Test Fuel</i> | |
| <i>Representativeness to Production Units</i> | |
| <i>Deviation From Requirements</i> | |
| <i>Statement Of Confidentiality</i> | <i>Section: 3, Page: 1 – 3</i> |
| <i>New Technology</i> | <i>Section: 4, Page: 1</i> |
| <i>Maintenance And Warranty</i> | <i>Section: 5, Page: 1 - 17</i> |
| <i>Owner's Manuals</i> | |
| <i>Maintenance And Service</i> | |
| <i>Emission System Warranty Statement</i> | |
| <i>VIN Coding System</i> | |



HONDA

01.00.00.00 COMMUNICATIONS

.01.00.00 Technical Representatives.

Samuel Choe
Manager
Certification & Compliance Department
American Honda Motor Co., Inc.
1919 Torrance Blvd., Torrance, CA 90501-2746
Telephone Number : (310) 783-3218
Fax Number : (310) 783-3510
E-Mail : Samuel_Choe@ahm.honda.com

Matthew K Johnson
Senior Certification Engineer
Certification & Compliance Department
American Honda Motor Co., Inc.
1919 Torrance Blvd., Torrance, CA 90501-2746
Telephone Number : (310) 783-3615
Fax Number : (310) 783-3510
E-Mail : Matthew_K_Johnson@ahm.honda.com

Kazuki Toyoda
Coordinator
Certification & Compliance Department
American Honda Motor Co., Inc.
1919 Torrance Blvd., Torrance, CA 90501-2746
Telephone Number : (310) 783-3286
Fax Number : (310) 783-3510
E-Mail : Kazuki_Toyoda@ahm.honda.com

01.01.01.00 EPA/ARB Liaison Representatives in the U.S.

Samuel Choe
Manager
Certification & Compliance Department
American Honda Motor Co., Inc.
1919 Torrance Blvd., Torrance, CA 90501-2746
Telephone Number : (310) 783-3218
Fax Number : (310) 783-3510
E-Mail : Samuel_Choe@ahm.honda.com

Matthew K Johnson
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American Honda Motor Co., Inc.
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Telephone Number : (310) 783-3615
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Kazuki Toyoda
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American Honda Motor Co., Inc.
1919 Torrance Blvd., Torrance, CA 90501-2746
Telephone Number : (310) 783-3286
Fax Number : (310) 783-3510
E-Mail : Kazuki_Toyoda@ahm.honda.com

.02.00 Representatives in a Foreign country

Masahiko Maeda
General Manager
Certification and Regulation Compliance Division
Honda Motor Co., Ltd.
52-1 Hagadai, Haga-machi, Haga-gun, Tochigi, Japan 321-3325
Telephone Number : (028) 687-2177

01.01.02.00 Representatives in a Foreign country (Continued)

Kazuhiro Suzuki
Deputy General Manager
Motorcycle & Power Equipment Certification Office
Certification and Regulation Compliance Division
Honda Motor Co., Ltd.
15-1 Senzui, 3-chome, Asaka City, Saitama, Japan 351-8555
Telephone Number: (048) 462-3338

.02.00.00 Manufacturers' Advisory Correspondence, Mail-out,
and other Technical Information.

Please mail one copy of the Federal Register, Advisory
Circulars, and other technical information to the following
individual.

Matthew K Johnson
Senior Certification Engineer
Certification & Compliance Department
American Honda Motor Co., Inc.
1919 Torrance Blvd., Torrance, CA 90501-2746

.03.00.00 Certificate and Executive Order -- Recipient.

Please mail one copy of the Executive Order to the
following individual.

Matthew K Johnson
Senior Certification Engineer
Certification & Compliance Department
American Honda Motor Co., Inc.
1919 Torrance Blvd., Torrance, CA 90501-2746

04.00.00 Certificate and Executive Order - Corporate Identification.

The corporation name and address which should appear on the
Executive Order.

Honda Motor Co., Ltd.
1-1, Minami-Aoyama, 2-chome, Minato-ku,
Tokyo, Japan 107-8556

02.00.00.00 STATEMENTS OF COMPLIANCE

.01.00.00 General Statements.

Honda Motor Co., Ltd. states that any emission control device, system, or element of design, installed on or incorporated in new Honda off-road motorcycle, ATV and OFRUV engines for the purpose of complying with standards prescribed under Title 13, Chapter 9, Article 3, and 40 CFR Part 1051 and 1065 will not, to the best of Honda's information and belief, cause the emission into the ambient air of pollutants in the operation of its off-road motorcycles, ATVs and OFRUVs or off-road motorcycle, ATV and OFRUV engines which cause or contribute to an unreasonable risk to the public health or welfare except as specifically permitted by the standards prescribed under the regulation. Honda Motor Co., Ltd. further states that any emission control device, system, or element of design installed on or incorporated in new Honda off-road motorcycle, ATV and OFRUV engines, for the purpose of complying with the regulations, does not in its operation, function or malfunction result in any unsafe condition endangering the off-road motorcycle, ATV and OFRUV, its riders, or persons or property in the close proximity to the off-road motorcycle, ATV and OFRUV.

The term pollutant means;

- a. Diesel particulates
- b. Nickel
- c. MMT combustion products
- d. Ammonia
- e. Sulfates
- f. Hydrogen sulfide
- g. Hydrogen cyanide
- h. Ruthenium combustion products
- i. Nitrosamines

or any other pollutant which Honda Motor Co., Ltd. has identified which can reasonably be expected to be emitted from these vehicles.

Honda Motor Co., Ltd. states that the test vehicles and/or engines, with respect to the data submitted, have been tested in accordance with the applicable test procedures, they meet the requirements of such tests, and, on the basis of such tests they conform to the requirements of 40 CFR Part 1051 and 1065 and enforcement regulation of Part 1068.

02.00.00.00 STATEMENTS OF COMPLIANCE

.02.00.00 Emission Control Labels.

The emission control label(s) comply with the provisions (e.g., content, durability, etc.) of Title 13, California Code of Regulations(CCR), Chapter 1, Article 2, Section 1965, and the incorporated "California Motor Vehicle Emission Control, Label Specifications" adopted March 1, 1978, and last amended September 5 2003, and the requirements of 40 CFR 1051.135.

Honda's Vehicle Emission Information Label format was approved by the CARB on November 08, 2007 (Ref. AHCERT - 270912), October 25, 2016 (Ref. AHCERT-160663) and the U.S. EPA on October 15, 2008 (Ref. AHCERT - 280894).

.03.00.00 Certification Test Fuel.

The certification test fuel used for the test engine and/or vehicle complies with the provisions of the "California Exhaust Emissions Standards and Test Procedures For 1995 and Later Off-Highway Recreational vehicles and Engines", adopted January 13, 1994. As well as the requirements of 40 CFR 1065.210. *

*List differences in test fuel.

.04.00.00 Representativeness to Production Units.

Honda Motor Co., Ltd. has taken the necessary steps to assure that the certification engines and/or vehicles with respect to engine, drivetrain, fuel system, emission control system components, exhaust after treatment devices, vehicle mass, or any other device or component that can reasonably be expected to influence exhaust emissions, will be representative of production engines and/or vehicles, and that either all components and/or vehicle construction processes, component inspection and selection techniques, and assembly techniques employed in constructing such engines and/or vehicles are reasonable likely to be implemented for production engines and/or vehicles, or they are as closely analogous as practicable to planned construction and assembly processes.

.05.00.00 Deviation From Requirements.

.01.00 Off-Road Motorcycle Shift procedure:

The shift points used for certification testing were applied in accordance with EPA's approval on 4/8/04, reference letter No: AHCERT-240278 table 6.

Table-6 Proposed Shift Points

| | | Class I-a 50 -169cc 3-speed or less | Class I-b 50 -169cc 4-speed or more | Class II 170 - 279cc | Class III 280cc and over |
|-----------|--------|---|---|-------------------------|-----------------------------|
| Upshift | 1-2 | 6 | 11 | 16 | 24 |
| | 2-3 | 11 | 19 | 26 | 36 |
| | 3-4 | | 26 | 34 | 47 |
| | 4-5 | | 32 | 43 | 59 |
| | 5-6 | | 38 | 52 | 71 |
| Downshift | CL-OFF | 10 | 11 | 13 | 14 |
| | 3-2 | | 14 | 20 | 22 |
| | 4-3 | | 20 | 28 | 30 |
| | 5-4 | | 29 | 36 | 40 |
| | 6-5 | | 35 | 46 | 51 |

02.00.00.00 STATEMENTS OF COMPLIANCE

.05.00.00 Deviation From Requirements.

.02.00 All Terrain Vehicle shift procedure :

The shift points used for certification testing were applied in accordance with EPA's approval on 12/15/10 and CARB's approval CRC-2011-001 On 01/13/11, reference letter No : AHCRT-100071/100937. Honda is use alternate shift points for 2014 model and later ATV's
—Based on 70% of torque peak (up-shift) and 50% of torque peak (down-shift).

02.00.00.00 STATEMENTS OF COMPLIANCE

.06.00.00 Break-in mileage.

To meet the definition of Low-hour of 40 CFR 1051.801 (3), Off-road motorcycle, ATV and OFRUV break-in are conducted 150km with 11 laps, and ATV (<100cc)break-in is conducted 2hours and 40 minutes on engine dynamometer.

03.00.00.00 STATEMENT OF CONFIDENTIALITY

1. Which information in the application for certification is considered to be entitled to confidential treatment until model introduction?

Section No.: 03 Statement of Confidentiality
Individual Engine Families

Section No.: 03 Statement of Confidentiality
Page No. 2 S08 AUXILIARY EMISSION CONTROL DEVICES (AECD) AND
DEFEAT DEVICES CATALYTIC CONVERTER
3 S09 CATALYTIC CONVERTER
Item e.Active material
3 S10 PROJECTED SALES AND PRODUCTION PERIOD

Section No.: 24 ADDITIONAL INFORMATION AND COMMENTS
1051.205(b) Fuel Tank Least Barrier Weight Percentage,Least
Barrier
Mol Percentage and Least Barrier Thickness
Fuel injection control, Ignition timing control and
Idle Air Control Valve

Section No.: 02.05.03.00 Decoding information of the eighth and
ninth digits of the Permeation Family

Attachment-D : Emission-related part information

Attachment-E : VIN coding
Model picture

2. Which information in the application for certification is considered to be entitled to continuing confidential treatment after model introduction?

Section No.: 03 Statement of Confidentiality
Page No. 2 S08 AUXILIARY EMISSION CONTROL DEVICES (AECD) AND
DEFEAT DEVICES CATALYTIC CONVERTER
3 S09 CATALYTIC CONVERTER
Item e.Active material
3 S10 PROJECTED SALES AND PRODUCTION PERIOD

Section No.: 24 ADDITIONAL INFORMATION AND COMMENTS
1051.205(b) Fuel Tank Least Barrier Weight Percentage,Least
Barrier
Mol Percentage and Least Barrier Thickness
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Idle Air Control Valve

Section No.: 02.05.03.00 Decoding information of the eighth and
ninth digits of the Permeation Family

Attachment-D : Emission-related part information

Attachment-E : VIN coding
Model picture

3. To what extent has the information been disclosed to others, and what precautions were taken with respect to these disclosures?

Within Honda Motor Co., Ltd. the confidentiality of this information has been protected by treating it as top secret classification and access to this information has been prohibited except for employees who actually work with the information and are familiar with the classified nature of their work.

4. Is the information available to the public through legitimate means?

No

5. Can the information be derived from a detailed engineering inspection of the motor vehicle model in question or from information already public once the model is offered for public sale?

No

6. Would disclosure of the information be likely to result in substantial harm to the applicant's competitive position? If so, a detailed discussion regarding what the harmful effects would be, why the effects would be substantial, and the nature of the causal relationship between disclosure and the harmful effects must be presented.

Yes.

The documents listed in Section 2 above, consist of sales information, production tolerances, proprietary design information, and quality control procedures, not customarily made public by Honda and they contain trade secrets and commercial information which is privileged or confidential under 5 USCS 552 (b) (4), 49 CFR Part 7.

These procedures and data have value to Honda and could have competitive value to foreign and domestic motor vehicle manufacturers. Throughout the years, Honda has incurred substantial expenditures of manpower, capital, facilities and equipment in developing these procedures and specifications. They are used for a variety of purposes as stated or indicated herein, all of which relate to the more effective operation of our business. Honda, therefore, treats them as confidential, proprietary information available only to authorized Honda personnel and not otherwise available to the public.

By knowing the details of these sales figures, production Tolerances, proprietary design information, and quality control procedures employed by Honda in operating its business in the areas covered by this material, another motor vehicle manufacturer can gain a significant competitive advantage over Honda.

For example: Disclosure of sales projections may allow our competitors to make timely adjustments to their production and sales plans which would have a severe effect on our sales and production. Disclosure of production cost reduction techniques such as production tolerances and quality control information without benefit of remuneration for their development could lead to unfair competitive advantage in per unit cost on the production line and market place.

This and other information can be used by a competitor to adopt the Honda technology or redesign its current development programs. This dual threat of the competitors' unearned savings and Honda's uncompensated expense could result in a competitive disadvantage to Honda.

If you do not agree with our characterization of this material as confidential information, or if a request for disclosure of any or all of this material is received under the Freedom of Information Act or any other statute or regulation, we request that we be given notice and, if necessary, an opportunity to further explain its confidential nature and the reasons for not disclosing it to the public.

2019 HONDA Off-Highway Recreational Vehicles

Section: 4 Page:1
Issued: 11/10/2017
Revised:

04.00.00.00 NEW TECNOLOGY

RESERVED

05.00.00.00 MAINTENANCE AND WARRANTY

.01.00.00 Owner's Manuals

Owner's Manual will be submitted before being supplied to the ultimate purchaser, in accordance with 40 CFR 1051.205(i).

.02.00.00 Maintenance and Service

American Honda Motor Company has a dealer network and parts distribution system in the U.S. These dealers perform warranty service, sell service parts and perform emissions recall work.

05.02.01.00 Emission System Warranty Statement (Off-Road Motorcycles)

DISTRIBUTOR'S LIMITED WARRANTIES

EMISSION CONTROL SYSTEMS

American Honda provides the same warranty coverage to all motorcycle owners regardless of where the motorcycle is registered.

Your Warranty Rights and Obligations

American Honda is pleased to explain the emission control systems warranty on your vehicle.

American Honda must warrant the emissions control system on your vehicle for the periods of time listed below, provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emissions control system may include parts such as the carburetor, the ignition system, catalytic converter and engine computer. Also included may be hoses, connectors and other emission-related components and assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

Where a warrantable condition exists, American Honda will repair your vehicle at no cost to you, including diagnosis, parts and labor.

Manufacturer's Warranty Coverage

If any emission-related part on your vehicle is defective, the part will be repaired or replaced by American Honda. This is your emissions control system DEFECTS WARRANTY.

Owner's Warranty Responsibilities

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. American Honda recommends that you retain all receipts covering maintenance on your motorcycle, but American Honda cannot deny warranty coverage solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to a Honda motorcycle dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should also be aware that American Honda may deny you warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities or if an authorized Honda dealer cannot repair your motorcycle or honor your claim within a reasonable period of time, contact the American Honda Motorcycle Customer Support Office for assistance.

05.02.01.00 Emission System Warranty Statement (Off-Road Motorcycles)

If you are not satisfied with the way in which a warranty claim is resolved by American Honda, you may write directly to:

Director of Field Operations
Support Division (EN-397F)
Environmental Protection Agency
401 M Street, S.W.
Washington D.C. 20460

or

California Air Resources Board
9528 Telstar Avenue
El Monte, CA 91731

Emissions Warranty Coverage

American Honda warrants to the owner that the motorcycle:

- is designed, built and equipped to conform at the time of sale with all applicable emissions standards, and
- is free from defects in materials and workmanship which would cause it to fail to conform with applicable requirements during the specified time and mileage limits.

This warranty begins on the date the motorcycle is delivered to the first purchaser other than an authorized Honda motorcycle dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for the time or mileage listed below:

Time: 30 months (2.5 years)

There is no mileage or operating hour limitation.

The Emissions Control System Defects Warranty is in addition to the American Honda Motorcycle Limited Warranty. These warranties are given only to the owner of a motorcycle distributed by American Honda through the Motorcycle Division.

To qualify for coverage under the defects warranty, you should operate and maintain your motorcycle according to the requirements in the Warranty booklet, and the Maintenance Schedule in the Owner's Manual. This schedule is designed to keep your motorcycle emission control systems functioning properly by maintaining your motorcycle in peak operating condition. American Honda will not deny a warranty claim solely because of lack of maintenance or maintenance records. However, failures caused by abuse or lack of required maintenance will not be covered by this warranty.

05.02.01.00 Emission System Warranty Statement (Off-Road Motorcycle)

American Honda recommends that only parts supplied by American Honda or equivalent parts be used to repair your motorcycle. Maintenance, replacement, or repair of emission control devices and systems may be done by any motorcycle repair establishment or individual. American Honda will only pay for warranty repairs performed at an authorized Honda motorcycle repair facility (except in an emergency situation). An emergency situation exists when a Honda dealership is not reasonably available, a warranted part is not available within 30 days, or when an authorized Honda facility is unable to complete a repair within 30 days. In an emergency situation, the repair of emission control devices or systems may be done by any motorcycle repair establishment or individual, or by the owner, using any replacement part. American Honda will reimburse you for those emergency repairs, including diagnosis, covered by the Emissions Warranties. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda motorcycle dealer. A list of parts covered by this warranty appears on section 5 page 6.

The use of replacement parts not equivalent to the original parts may impair the effectiveness of your motorcycle's emissions control systems. If such a replacement part is used in the maintenance or repair of your motorcycle, and an authorized Honda dealer determines it is defective or causes a failure of a warranted part, your claim for repair to bring your motorcycle into compliance with applicable standards may be denied. If the part in question is not related to the reason your motorcycle fails to meet the standards, the claim will not be denied.

This Emissions Warranty Does Not Cover:

- Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse, or the use of leaded or non-approved gasoline.
- Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached. Expendable maintenance items include but are not limited to:
 - spark plugs
 - filters
 - coolant
 - lubricants
 - belts
- Consequential damages such as loss of time or use of the vehicle.
- Prohibited actions related to 40 CFR, Part 1068, Subpart B, Section 1068.1 (b) and competition use.

05.02.01.00 Emission System Warranty Statement (Off-Road Motorcycle)

To Get Emissions Warranty Service

Repairs covered by this warranty will be performed at no charge for parts, labor, and diagnosis. Any authorized Honda motorcycle dealer will perform the adjustment, repair, or replacement within 30 days from the time you take your motorcycle to the dealer.

If an authorized Honda dealer is unable to repair your motorcycle within 30 days from the time you take your motorcycle to the dealer, then this situation will be treated as an emergency and you may have your motorcycle repaired at any repair facility you choose. If you choose a repair facility that is not an authorized Honda dealer, Honda will reimburse you for the repair, including diagnosis. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda motorcycle dealer.

05.02.01.00 Emission System Warranty Statement (Off-Road Motorcycle)

Emissions Warranty Parts List

Fuel Metering System:

Carburetor
Carburetor Air Jet Solenoid Valve
Carburetor Coolant Thermal Valve
Starting Enrichment Valve/Thermal Valve
Throttle Body
Fuel Injector
Fuel Pressure Regulator
Idle Air Control Valve
Throttle Control Position (TCP) Sensor
Fuel Pump and Fuel Filter
Intake Manifold

Ignition System:

Engine Control Module
Engine Coolant Temperature Sensor
Engine Oil Temperature Sensor
Gear Position Switch
Ignition Coils
Ignition Control Module
Crankshaft Position (CKP) Sensor
Distributor Ignition Capacitor
Spark Plug (covered up to the first replacement only)
Spark Plug Cap and Wires
BARO Sensor
Cam Position Sensor
Throttle Position Sensor
MAP Sensor
Vehicle Speed Sensor
Transmission Range (TR) Sensor
Knock Sensor

Air Injection System:

Pulse Secondary Air Injection Check Valve
Pulse Secondary Air Injection Control Valve
Pulse Secondary Air Injection Solenoid Valve

Shot Air System:

Intake Air Shot Air Check Valve
Intake Air Shot Air Valve

Exhaust System:

Catalytic Converter
Oxygen Sensor
Heated Oxygen Sensor
Exhaust Gas Control Valve

Exhaust Manifold
Exhaust Pipes (to the catalyst and between catalysts)

Air Fuel Ratio Sensor

Intake Air Temperature System:

Intake Air Temperature Check Valve
Intake Air Temperature Sensor
Intake Air Temperature Thermal Vacuum Valve
Intake Air Temperature Valve

Evaporative Emission Control System:

Evaporative Emission Canister
Evaporative Emission Carburetor Air Vent Control Valve
Evaporative Emission Purge Control Valve
Evaporative Emission Storage Element
Evaporative Emission Purge Control Solenoid Valve
Fuel Fill Cap
Fuel Tank (including fuel hoses and fuel valve)

Crankcase Emission Control System:

Air Cleaner (covered up to the first replacement interval only)
Air Cleaner Housing
Air Cleaner Housing Cover
Crankcase Breather Separator
Crankcase Breather Storage Tank
Crankcase Breather Tube Plug
PCV Valve
Oil Filler Cap
PCV Control Solenoid Valve

Parts Associated with the Systems Above:

FI Indicator Light Bulb
Malfunction Indicator Light Bulb
Tubing, Fittings, Clamps, Gaskets, Hoses, Mounting Hardware, and other emission related components and assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

VTEC System:

Valve Lift Control Solenoid

05.02.02.00 Emission System Warranty Statement (All Terrain Vehicle)

**DISTRIBUTOR'S LIMITED WARRANTIES
EMISSION CONTROL SYSTEMS**

American Honda provides the same warranty coverage to all owners of complying TRX models, regardless of where the TRX is registered.

Your Warranty Rights and Obligations

American Honda is pleased to explain the emission control systems warranty on your vehicle.

American Honda must warrant the emissions control system on your vehicle for the periods of time listed below, provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emissions control system may include parts such as the carburetor, the ignition system, catalytic converter and engine computer. Also included may be hoses, connectors and other emission-related assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

Where a warrantable condition exists, American Honda will repair your vehicle at no cost to you, including diagnosis, parts and labor.

Manufacturer's Warranty Coverage

If any emission-related part on your vehicle is defective, the part will be repaired or replaced by American Honda. This is your emissions control system DEFECTS WARRANTY.

Owner's Warranty Responsibilities

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. American Honda recommends that you retain all receipts covering maintenance on your TRX, but American Honda cannot deny warranty coverage solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to a Honda TRX dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should also be aware that American Honda may deny you warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities or if an authorized Honda dealer cannot repair your TRX or honor your claim within a reasonable period of time, contact the Honda Motorcycle Customer Support Department of American Honda at (866) 784-1870.

05.02.02.00 Emission System Warranty Statement (All Terrain Vehicle)

If you are not satisfied with the way in which a warranty claim is resolved by American Honda, you may write directly to:

Director of Field Operations
Support Division (EN-397F)
Environmental Protection Agency
401 M Street, S.W.
Washington D.C. 20460

Emissions Warranty Coverage

American Honda warrants to the owner that the ATV:

- is designed, built and equipped to conform at the time of sale with all applicable emissions standards, and
- is free from defects in materials and workmanship which would cause it to fail to conform with applicable requirements during the specified time limit.

This warranty begins on the date the ATV is delivered to the first purchaser other than an authorized Honda TRX dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for the time listed below:

Time: 30 months (2.5 years)

There is no mileage or operating hour limitation.

The Emissions Control System Defects Warranty is in addition to the American Honda TRX Limited Warranty. These warranties are given only to the owner of a TRX distributed by American Honda through the Motorcycle Division.

To qualify for coverage under the defects warranty, you should operate and maintain your TRX according to the requirements in the Warranty booklet, and the Maintenance Schedule in the Owner's Manual. This schedule is designed to keep your TRX emission control systems functioning properly by maintaining your TRX in peak operating condition. American Honda will not deny a warranty claim solely because of lack of maintenance or maintenance records. However, failures caused by abuse or lack of required maintenance will not be covered by this warranty.

American Honda recommends that only parts supplied by American Honda or equivalent parts be used to repair your TRX. Maintenance, replacement, or repair of emission control devices and systems may be done by any repair establishment or individual. American Honda will only pay for warranty repairs performed at an authorized Honda TRX repair facility (except in an emergency situation). An emergency situation exists when a Honda dealership is not reasonably available, a warranted part is not available within 30 days, or when an authorized Honda facility is unable to complete a repair within 30 days. In an emergency situation,

05.02.02.00 Emission System Warranty Statement (All Terrain Vehicle)

the repair of emission control devices or systems may be done by any TRX repair establishment or individual, or by the owner, using any replacement part. American Honda will reimburse you for those emergency repairs, including diagnosis, covered by the Emissions Warranties. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically-appropriate

hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda TRX dealer. A list of parts covered by this warranty appears on section 5 page 10.

The use of replacement parts not equivalent to the original parts may impair the effectiveness of your TRX's emissions control systems. If such a replacement part is used in the maintenance or repair of your TRX, and an authorized Honda dealer determines it is defective or causes a failure of a warranted part, your claim for repair to bring your TRX into compliance with applicable standards may be denied. If the part in question is not related to the reason your TRX fails to meet the standards, the claim will not be denied.

This Emissions Warranty Does Not Cover:

- Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse, the use of leaded or non-approved gasoline, or other inappropriate fuels.
- Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached. Expendable maintenance items include but are not limited to:
 - spark plugs
 - filters
 - coolant
 - lubricants
 - belts
- Consequential damages such as loss of time or use of the vehicle.
- Prohibited actions related to 40 Code of Federal Regulations (CFR), Part 1068, Subpart B, Section 1068.101 (b) and competition use.

05.02.02.00 Emission System Warranty Statement (All Terrain Vehicle)**To Get Emissions Warranty Service**

Repairs covered by this warranty will be performed at no charge for parts, labor, and diagnosis. Any authorized Honda TRX dealer will perform the adjustment, repair, or replacement within 30 days from the time you take your TRX to the dealer.

If an authorized Honda dealer is unable to repair your TRX within 30 days from the time you take your TRX to the dealer, then this situation will be treated as an emergency and you may have your TRX repaired at any repair facility you choose. If you choose a repair facility which is not an authorized Honda dealer, Honda will reimburse you for the repair, including diagnosis. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda TRX dealer.

Emissions Warranty Parts List**Fuel Metering System:**

Carburetor
Carburetor Air Jet Solenoid Valve
Carburetor Coolant Thermal Valve
Starting Enrichment Thermal Valve
Starting Enrichment Valve
Idle Air Control Valve
Intake Manifold
Fuel Filter
Throttle Body
Fuel Injector
Fuel Pressure Regulator
Fuel Pump

Ignition System:

Engine Coolant Temperature Sensor
Engine Oil Temperature Sensor
Gear Position Switch
Ignition Coils
Ignition Control Module
Crankshaft Position (CKP) Sensor
Distributor Ignition Capacitor
Spark Plug (covered up to the first replacement only)
Spark Plug Cap
Spark Plug Wires
Cam Position Sensor
Vehicle Speed Sensor
Engine Control Module
BARO Sensor
Throttle Position Sensor
MAP Sensor
Knock Sensor

Air Injection System:

Pulse Secondary Air Injection Check Valve
Pulse Secondary Air Injection Control Valve
Pulse Secondary Air Injection Solenoid Valve

Shot Air System:

Intake Air Shot Air Check Valve
Intake Air Shot Air Valve

Exhaust System:

Catalytic Converter
Oxygen Sensor
Heated Oxygen Sensor
Exhaust Gas Control Valve
Exhaust Manifold
Exhaust Pipes (to the catalyst and between catalysts)
Air Fuel Ratio Sensor

Intake Air Temperature System:

Intake Air Temperature Check Valve
Intake Air Temperature Sensor
Intake Air Temperature Thermal Vacuum Valve
Intake Air Temperature Valve

Evaporative Emission Control System (2008 and later):

Fuel Fill Cap
Fuel Tank

Crankcase Emission Control System:

Air Cleaner (covered up to the first replacement interval only)
Air Cleaner Housing
Air Cleaner Housing Cover
Crankcase Breather Separator
Crankcase Breather Storage Tank
Crankcase Breather Tube Plug
PCV Valve
Oil Filler Cap
PCV Control Solenoid Valve

Parts Associated with the Systems Above:

FI Indicator Light Bulb or LED
Malfunction Indicator Light Bulb Tubing, Fittings, Clamps, Gaskets, Hoses, Mounting Hardware and other emission related components and assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

05.02.03.00 Emission System Warranty Statement (Off-Road Utility Vehicle)

DISTRIBUTOR'S LIMITED WARRANTIES

EXHAUST AND PERMEATION EMISSION CONTROL SYSTEMS

American Honda provides the same warranty coverage to all owners of complying SXS/MUV models , regardless of where the SXS/MUV is registered.

Your Warranty Rights and Obligations

American Honda is pleased to explain the emission control systems warranty on your vehicle.

American Honda must warrant the emissions control system on your vehicle for the periods of time listed below, provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emissions control system may include parts such as the fuel injection system, the ignition systems, catalytic converter and engine computer. Also included may be hoses, connectors and other emission-related components and assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

Where a warrantable condition exists, American Honda will repair Your vehicle at no cost to you, including diagnosis, parts and labor.

Manufacturer's Warranty Coverage

If any emission-related part on your vehicle is defective, the part will be repaired or replaced by American Honda. This is your emissions control system DEFECTS WARRANTY.

Owner's Warranty Responsibilities

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. American Honda recommends that you retain all receipts covering maintenance on your SXS/MUV, but American Honda cannot deny warranty coverage solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to a Honda SXS/MUV dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should also be aware that American Honda may deny you warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities or if an authorized Honda dealer cannot repair your SXS/MUV or honor your claim within a reasonable period of time, contact the Honda Motorcycle Customer Support Department of American Honda at (866) 784-1870.

05.02.03.00 Emission System Warranty Statement (Off-Road Utility Vehicle)

If you are not satisfied with the way in which a warranty claim is resolved by American Honda, you may write directly to:

Director of Field Operations
Support Division (EN-397F)
Environmental Protection Agency
401 M Street, S.W.
Washington D.C. 20460

Emissions Warranty Coverage

American Honda warrants to the owner that the SXS/MUV:

- is designed, built and equipped to conform at the time of sale with all applicable emissions standards, and
- is free from defects in materials and workmanship which would cause it to fail to conform with applicable requirements during the specified time limit.

This warranty begins on the date the SXS/MUV is delivered to the first purchaser other than an authorized Honda motorcycle dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for the time listed below:

Time: 30 months (2.5 years)

There is no mileage or operating hour limitation.

The Emissions Control System Defects Warranty is in addition to the American Honda SXS/MUV Limited Warranty. These warranties are given only to the owner of a SXS/MUV distributed by American Honda through the Motorcycle Division.

To qualify for coverage under the defects warranty, you should operate and maintain your SXS/MUV according to the requirements in the Warranty booklet, and the Maintenance Schedule in the Owner's Manual. This schedule is designed to keep your SXS/MUV emission control systems functioning properly by maintaining your SXS/MUV in peak operating condition. American Honda will not deny a warranty claim solely because of lack of maintenance or maintenance records. However, failures caused by abuse or lack of required maintenance will not be covered by this warranty.

American Honda recommends that only parts supplied by American Honda or equivalent parts be used to repair your SXS/MUV. Maintenance, replacement, or repair of emission control devices and systems may be done by any SXS/MUV repair establishment or individual. American Honda will only pay for warranty repairs performed at an authorized Honda SXS/MUV repair facility (except in an emergency situation).

05.02.03.00 Emission System Warranty Statement (Off-Road Utility Vehicle)

An emergency situation exists when a Honda dealership is not reasonably available, a warranted part is not available within 30 days, or when an authorized Honda facility is unable to complete a repair within 30 days. In an emergency situation, the repair of emission control devices or systems may be done by any SXS/MUV repair establishment or individual, or by the owner, using any replacement part. American Honda will reimburse you for those emergency repairs, including diagnosis, covered by the Emissions Warranties. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically-appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda SXS/MUV dealer. A list of parts covered by this warranty appears on section 5 page 14.

The use of replacement parts not equivalent to the original parts may impair the effectiveness of your SXS/MUV's emissions control systems. If such a replacement part is used in the maintenance or repair of your SXS/MUV, and an authorized Honda dealer determines it is defective or causes a failure of a warranted part, your claim for repair to bring your SXS/MUV into compliance with applicable standards may be denied. If the part in question is not related to the reason your SXS/MUV fails to meet the standards, the claim will not be denied.

This Emissions Warranty Does Not Cover:

- Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse, or the use of leaded or non-approved gasoline.
- Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached. Expendable maintenance items include but are not limited to:
 - spark plugs
 - filters
 - coolant
 - lubricants
 - belts
- Consequential damages such as loss of time or use of the vehicle.
- Prohibited actions related to 40 CFR, part 1068, Subpart B, Section 1068.101 (b) and competition use.

05.02.03.00 Emission System Warranty Statement (Off-Road Utility Vehicle)**To Get Emissions Warranty Service**

Repairs covered by this warranty will be performed at no charge for parts, labor, and diagnosis. Any authorized Honda SXS/MUV dealer will perform the adjustment, repair, or replacement within 30 days from the time you take your SXS/MUV to the dealer.

If an authorized Honda dealer is unable to repair your SXS/MUV within 30 days from the time you take your SXS/MUV to the dealer, then this situation will be treated as an emergency and you may have your SXS/MUV repaired at any repair facility you choose. If you choose a repair facility that is not an authorized Honda dealer, Honda will reimburse you for the repair, including diagnosis. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda SXS/MUV dealer.

Emissions Warranty Parts List

Fuel Metering System:

Starting Enrichment Thermal Valve

Starting Enrichment Valve

Idle Air Control Valve

Intake Manifold

Fuel Filter

Throttle Body

Fuel Injector

Fuel Pressure Regulator

Fuel Pump

Ignition System:

Engine Coolant Temperature Sensor

Engine Oil Temperature Sensor

Gear Position Switch

Ignition Coils

Ignition Control Module

Crankshaft Position (CKP) Sensor

Distributor Ignition Capacitor

Spark Plug (covered up to the first replacement only)

Spark Plug Cap

Spark Plug Wires

Cam Position Sensor

Vehicle Speed Sensor

Engine Control Module

BARO Sensor

Throttle Position Sensor

MAP Sensor

Knock Sensor

Air Injection System:

Pulse Secondary Air Injection Check Valve

Pulse Secondary Air Injection Control Valve

Pulse Secondary Air Injection Solenoid Valve

Shot Air System:

Intake Air Shot Air Check Valve

Intake Air Shot Air Valve

Exhaust System:

Catalytic Converter

Oxygen Sensor

Heated Oxygen Sensor

Exhaust Gas Control Valve

Exhaust Manifold

Exhaust Pipes (to the catalyst and between catalysts)

Air Fuel Ratio Sensor

Intake Air Temperature System:

Intake Air Temperature Check Valve

Intake Air Temperature Sensor

Intake Air Temperature Thermal Vacuum Valve

Intake Air Temperature Valve

Evaporative Emission Control System

Fuel Fill Cap

Fuel Tank

Crankcase Emission Control System:

Air Cleaner (covered up to the first replacement only)

Air Cleaner Housing

Air Cleaner Housing Cover

Crankcase Breather Separator

Crankcase Breather Storage Tank

Crankcase Breather Tube Plug

PCV Valve

Oil Filler Cap

PCV Control Solenoid Valve

Parts Associated with the Systems Above:

LED meter assemble

FI Indicator Light Bulb

Malfunction Indicator Light Bulb

Tubing, Fittings, Clamps, Gaskets, Hoses, Mounting Hardware, and other emission related components and assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

05.02.04.00 Emission System Warranty Statement (Off-Road Utility Vehicle)

CALIFORNIA EVAPRATIVE EMISSION CONTROL WARRANTY

Your Warranty Rights and Obligations

The California Air Resources Board and American Honda are pleased to explain the evaporative emissions control systems warranty on your vehicle. In California, new off-highway recreational vehicles must be designed, built and equipped to meet the State's stringent anti-smog standards. American Honda must warrant the evaporative emissions control system on your SXS/MUV for the periods of the time listed below provided there has been no abuse, neglect, improper maintenance, or unapproved modification of your SXS/MUV.

Your evaporative emissions control system may include parts such as, the carburetor or fuel-injection system, fuel tank, fuel hoses, carbon canister, and engine computer. Also included may be hoses, belts, connectors and other evaporative emissions-related assemblies. Where a warrantable condition exists. American Honda will repair your SXS/MUV at no cost to you including diagnostics, parts and labor.

If any evaporative emissions-related part on your SXS/MUV is defective the part will be repaired or replaced by American Honda.

Owner's Warranty Responsibilities

As the SXS/MUV owner, you are responsible for the performance of the required maintenance listed in your owner's manual. American Honda recommends that you retain all receipts covering maintenance on your SXS/MUV, but American Honda cannot deny warranty coverage solely for the lack of receipts or for your failure to ensure the performance

of all scheduled maintenance.

As an owner you are responsible for presenting your SXS/MUV to a Honda dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As a SXS/MUV owner, you should also be aware that American Honda may deny you warranty coverage if your SXS/MUV or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact American Honda Motorcycle Customer Support Office for assistance at 1-866-784-1870 or the California Air Resource Board at:

California Air Resources Board
9528 Telstar Avenue
El Monte, CA 91731

05.02.04.00 Emission System Warranty Statement (Off-Road Utility Vehicle)

California Evaporative Emissions Warranty Parts List

2019 and later vehicles sold, registered, and operated in California:

Parts identified below have 60 months (5 years) warranty.
There is no mileage or operating hour limitation.

Fuel Metering System:

Fuel Injector
Throttle Body
Fuel Pump Assy.
Fuel Pump
Fuel Pump Gasket
Fuel Feed Hose
PCM

Evaporative Emission Control System:

Fuel Tank Complete
Evaporative Canister

Evaporative Emission Control System:

Fuel Filler Cap
Evaporative Charge Line
Evaporative Purge Lines (all)
Evaporative Canister Purge Valve

Parts Associated with the Systems Above:

LED meter assembly
FI Indicator Light Bulb
Malfunction Indicator Light Bulb
Tubing, Fittings, Clamps, Gaskets, Hoses,
Mounting Hardware, and other emission related components
and assemblies whose sole purpose is to reduce emissions
or whose failure will increase emissions.

05.03.00.00 VIN coding system

1HF TE260 * K 4 000001

Sequential Production Number

Plant representation

K = Honda Motor Co., Ltd. Kumamoto Factory in Japan

R = Moto Honda da Amazonia Ltda. in Brazil

4 = Honda of South Carolina Mfg., Inc. in U.S.A.

D = Honda de Mexico, S.A. de C.V. in Mexico

3 = Sundiro Honda Motorcycle Co., Ltd. Shanghai Factory in China

Model Year

Check Digit

Vehicle description code

Make and type of vehicle

JH2 = Honda, Motorcycle, in Japan

1HF = Honda, Motorcycle, in U.S.A

9C2 = Honda, Motorcycle, in Brazil

3H1 = Honda, Motorcycle, in Mexico

LAL = Honda, Motorcycle, Sundiro Honda Motorcycle Co., Ltd. Shanghai in China